

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------|---|------------------|---------|------------------|
| L1    | 213  | 348/47.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:27 |
| L2    | 59   | 348/48.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:28 |
| L3    | 110  | 348/139.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:28 |
| L4    | 211  | 396/351.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:37 |
| L5    | 36   | 396/352.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:38 |
| L6    | 222  | 396/427.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:38 |
| L7    | 34   | 396/36.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:38 |
| L8    | 65   | 396/143.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:38 |
| L9    | 1482 | 382/154.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/09 18:38 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L10 | 48396 | (multiple or plurality) near4<br>(camera or imager or (imag\$4<br>near2 (device or apparatus)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:39 |
| L11 | 72    | L10 and different near3 exposure<br>same dynamic near3 range and<br>(@ad<"20010209" or<br>@rlad<"20010209")                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:39 |
| L12 | 9     | ((kujin with lee) or (in with so with<br>kweon) or (howon with kim) or<br>(junsik with kim)).in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:54 |
| L13 | 46    | 348/208.12.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:55 |
| L14 | 8957  | "348"/\$.ccls. and (3d or "3"\$1d or<br>(three near2 dimension\$2))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:55 |
| L15 | 3979  | "348"/\$.ccls. and (3d or "3"\$1d or<br>(three near2 dimension\$2)) with<br>image   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 19:02 |
| L16 | 1905  | "348"/\$.ccls. and (3d or "3"\$1d or<br>(three near2 dimension\$2)) with<br>image and cameras\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 19:03 |
| L17 | 1274  | "348"/\$.ccls. and (3d or "3"\$1d or<br>(three near2 dimension\$2)) with<br>image and cameras\$1  | USPAT   | OR | ON | 2006/06/09 19:18 |
| L18 | 361   | "348"/\$.ccls. and (3d or "3"\$1d or<br>(three near2 dimension\$2)) with<br>image and cameras\$1 with<br>(plurality or multiple)            | USPAT   | OR | ON | 2006/06/09 19:08 |
| L19 | 54    | "348"/207.99-376.ccls. and (3d or<br>"3"\$1d or (three near2<br>dimension\$2)) with image and<br>cameras\$1 with (plurality or<br>multiple) | USPAT   | OR | ON | 2006/06/09 19:14 |
| L20 | 142   | 348/218.1.ccls.   | USPAT   | OR | ON | 2006/06/09 19:15 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| L21 | 41  | "348"/207.99-376.ccls. and (compos\$4 or combin\$4 or stitch\$4) near4 image same panoramic  | USPAT  | OR | ON  | 2006/06/09 19:18 |
| L22 | 220 | 348/218.1.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/06/09 19:15 |
| L24 | 0   | ((3d or "3"\$1d or (three near2 dimension\$2)) with image and camera and exposure and (memory or storage or card) and omni\$1direction\$3 and gps and annotat\$4 and trigger).clm. | US-PGPUB; USPAT                                    | OR | ON  | 2006/06/09 19:19 |
| S1  | 57  | omnidirection\$4 with (imager or camera or sensor) and convex with mirror  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2006/01/12 09:47 |
| S2  | 59  | omnidirection\$4 with (imager or camera or sensor) and convex with mirror  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2005/03/23 11:22 |
| S3  | 205 | 396/351.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2006/06/09 18:37 |
| S4  | 36  | 396/352.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2006/06/09 18:38 |
| S5  | 82  | 396/21.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2005/03/23 11:22 |
| S6  | 196 | 396/427.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2006/06/09 18:38 |
| S7  | 33  | 396/36.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2006/06/09 18:38 |

## EAST Search History

|     |    |               |   |    |    |                  |
|-----|----|---------------|---|----|----|------------------|
| S8  | 64 | 396/143.ccis. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:38 |
| S9  | 2  | "9750252"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:45 |
| S10 | 4  | "2001010555"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:46 |
| S11 | 7  | "6373642"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:47 |
| S12 | 8  | "6341044"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:48 |
| S13 | 2  | "2003193606"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:49 |
| S14 | 2  | "2003193607"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:49 |
| S15 | 2  | "6493032"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 13:49 |
| S16 | 4  | "6593969"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 14:01 |
| S17 | 10 | "6157018"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 14:01 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S18 | 54 | omnidirection\$4 with (imager or camera or sensor) and (center or centre) with (needle or column or support or post)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/23 14:09 |
| S19 | 56 | omnidirection\$4 with (imager or camera or sensor) and (center or centre) with (needle or column or support or post)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/24 11:27 |
| S20 | 29 | "5115266"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 14:25 |
| S21 | 29 | "5115266"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 14:25 |
| S22 | 60 | omnidirection\$4 with (imager or camera or sensor) and (center or centre) with (needle or column or support or post or strut or stem) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 15:55 |
| S23 | 2  | "6411327"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 15:55 |
| S24 | 0  | 10/071915   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 15:56 |
| S25 | 10 | "6141034"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 15:58 |
| S26 | 71 | camera with (omnidirection\$4 or panoramic) and gps   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/01 13:28 |
| S27 | 0  | "09903526"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/03/23 15:59 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S28 | 1    | 09/903526  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 15:59 |
| S29 | 1    | "8018858"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 17:11 |
| S30 | 117  | "5023725"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 17:11 |
| S31 | 5    | "5023725" and gps  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 17:17 |
| S32 | 26   | "5745305"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 17:17 |
| S33 | 55   | "5760826"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/23 17:17 |
| S34 | 41   | omnidirection\$4 with (imager or camera or sensor) and stack\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/24 11:30 |
| S35 | 3195 | (panoramic or omnidirection\$4) with (imager or camera or sensor)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/24 11:31 |
| S36 | 105  | (omnidirection\$4) with (imager or camera or sensor) and panoramic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/01 13:17 |
| S37 | 83   | (omnidirection\$4) with (imager or camera or sensor) and (3d or 3-d or "3"\$1d or (thre adj dimension\$2)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/24 11:49 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S38 | 56    | 348/48.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 12:02 |
| S39 | 190   | 348/47.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 12:06 |
| S40 | 5     | 348/47.ccls. and stack\$5                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 14:51 |
| S41 | 42674 | (imager or camera or sensor) with multiple                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 14:52 |
| S42 | 11916 | (imager or camera) with multiple                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 14:52 |
| S43 | 1437  | (imager or camera) with multiple and 3d                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 14:52 |
| S45 | 2555  | camera with column   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/24 14:54 |
| S46 | 908   | camera with column and (multiple or plurality) with camera | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/28 08:52 |
| S47 | 2     | "6141034".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/28 10:57 |
| S48 | 2     | "20030151679"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/28 10:57 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S49 | 967 | camera and gps with time with (location or position)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 11:26 |
| S50 | 16  | camera with (omnidirection\$4 or panoramic) and gps with (time) with (location or position) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/01 11:27 |
| S51 | 50  | (omnidirection\$4) with (imager or camera or sensor) and panoramic and @ad<"20010209"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/01 17:18 |
| S52 | 73  | (imager or camera) with (omnidirection\$4 or panoramic) and gps                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/01 13:28 |
| S53 | 212 | (imager or camera) with (omnidirection\$4 or panoramic) and 3d                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/01 13:28 |
| S54 | 115 | (imager or camera) with (omnidirection\$4 or panoramic) and 3d and @ad<"20010209"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/01 13:29 |
| S55 | 1   | "6058397".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:47 |
| S56 | 1   | "5872575".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:47 |
| S57 | 1   | "5748121".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:47 |
| S58 | 1   | "5729471".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:48 |
| S59 | 1   | "5729471".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:48 |
| S60 | 1   | "5708469".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:48 |
| S61 | 1   | "5703604".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:48 |
| S62 | 1   | "5703604".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:48 |
| S63 | 1   | "5563649".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 13:48 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S64 | 1   | "5541773".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 13:48 |
| S65 | 1   | "5541773".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 13:48 |
| S66 | 1   | "5023725".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 13:49 |
| S67 | 1   | "4853764".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 13:49 |
| S68 | 1   | "3909121".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 13:49 |
| S69 | 1   | "5023725".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 13:49 |
| S70 | 63  | yamaoka.in. and olympus.as.                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 13:54 |
| S71 | 2   | yamaoka.in. and olympus.as. and 3d                                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 13:54 |
| S72 | 129 | omnidirection\$4 and 3d and (imager or camera)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 13:54 |
| S73 | 163 | omnidirection\$4 and 3d and (imager or camera)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/01 13:54 |
| S74 | 63  | omnidirection\$4 and 3d and (imager or camera) and @ad<"20010208" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/01 14:19 |
| S75 | 2   | "6529192"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/01 14:19 |
| S76 | 1   | "6300958".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 14:19 |
| S77 | 1   | "6256038".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 14:20 |
| S78 | 1   | "6137492".PN.   | USPAT; USOCR                                | OR | OFF | 2005/04/01 14:20 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S79 | 10    | "6141034"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 14:23 |
| S80 | 1     | "5495576".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 14:22 |
| S81 | 1     | "5130794".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 14:22 |
| S82 | 1     | "5023725".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/04/01 14:22 |
| S83 | 514   | (3d or 3-d or "3"\$1d or (three adj dimension\$4)) and omnidirection\$4 and imag\$4 and @ad<"20010208" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:09 |
| S84 | 1     | (hirotomo with haga).in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:10 |
| S85 | 2     | (hirotomo and haga).in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:11 |
| S86 | 80877 | oki.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:11 |
| S87 | 223   | oki.as. and frame with switch\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:11 |
| S88 | 28    | oki.as. and frame with switch\$4 and video   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:15 |
| S89 | 0     | oki.as. and frame with switch\$4 and video and (exposure or blur)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/01 15:16 |

## EAST Search History

|      |      |  |   |    |     |                  |
|------|------|--|---|----|-----|------------------|
| S90  | 28   | oki.as. and frame with switch\$4 and video   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 15:18 |
| S91  | 2    | "08018858"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 15:45 |
| S93  | 8    | (omnidirection\$4) with (imager or camera or sensor) and panoramic and @ad<"20010209" and dynamic with range | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/01 17:18 |
| S94  | 0    | 10/071915  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 17:28 |
| S95  | 4    | multicamera and dynamic with range   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 17:29 |
| S96  | 4    | multicamera and dynamic with range   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/01 17:31 |
| S97  | 497  | omnidirectional and dynamic with range   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/02 12:50 |
| S100 | 1155 | 382/154.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/06/09 18:38 |
| S103 | 3    | "6445814" and distance same calculat\$4 and distance and trigonometr\$4                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/02 12:14 |
| S104 | 6687 | (3d or 3-d or "3"\$1d or ((3" or three) adj dimendion\$4)) and dynamic with range                            | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/02 12:51 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S10<br>5 | 1371 | camera with stack\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/12 09:44 |
| S10<br>6 | 435  | camera near4 stack\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/12 09:44 |
| S10<br>7 | 55   | camera near4 stack\$4 and ((three<br>near2 dimension\$3) or 3d or 3-d<br>or3\$1d)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/12 09:45 |
| S10<br>8 | 58   | camera near4 stack\$4 and ((three<br>near2 dimension\$3) or 3d or 3-d<br>or3\$1d)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 09:45 |
| S10<br>9 | 35   | (birdeye or omnidirection\$4) with<br>(imager or camera or sensor) and<br>(imager or camera or sensor) near7<br>(stack\$4 or column) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 09:49 |
| S11<br>0 | 2    | "20050207487"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 09:53 |
| S11<br>1 | 1    | "09593361"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 09:53 |
| S11<br>2 | 3    | 09/593361  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:10 |
| S11<br>3 | 1    | 09/637607  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:48 |
| S11<br>4 | 1    | "4517593".pn. and distance and<br>triang\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:51 |

## EAST Search History

|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S11<br>5 | 67018  | (plurality or multiple or several)<br>near5 (camera or imager ir (imag\$4<br>near3 (device or apparatus))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:52 |
| S11<br>6 | 643434 | (three near2 dimension\$2) or 3-d or<br>3d or "3"\$1d  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:54 |
| S11<br>7 | 2771   | S115 same S116   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:54 |
| S11<br>8 | 372    | S117 same distance   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:55 |
| S11<br>9 | 233    | S118 and (@rlad<"20010209" or<br>@ad<"20010209")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/12 10:55 |
| S12<br>0 | 10     | "5237353"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/12 13:30 |
| S12<br>1 | 10     | ("20020158978" "5063439" "52530<br>46" "5889554" "6657663").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/12 13:33 |
| S12<br>2 | 1      | 10/364511  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/12 13:33 |
| S12<br>3 | 7      | ("5063439").URPN.  | USPAT   | OR | OFF | 2006/01/12 14:58 |
| S12<br>4 | 0      | omnidirect\$5 near5 camera and<br>elevat\$4  | USPAT   | OR | OFF | 2006/01/12 14:58 |
| S12<br>5 | 9      | omnidirect\$5 near5 camera and<br>elevat\$4  | USPAT   | OR | OFF | 2006/01/12 14:59 |
| S12<br>6 | 9      | omnidirect\$5 near5 camera and<br>elevat\$4  | USPAT   | OR | ON  | 2006/01/12 14:59 |

## EAST Search History

|          |     |  |                              |    |     |                  |
|----------|-----|--|------------------------------|----|-----|------------------|
| S12<br>7 | 18  | omnidirect\$5 near5 (camera or imager or (imag\$4 near3 (apparatus or device))) and elevat\$4  | USPAT                        | OR | ON  | 2006/01/12 15:03 |
| S12<br>8 | 1   | omnidirect\$5 near5 (camera or imager or (imag\$4 near3 (apparatus or device))) and (elevator or elevating or elevate)   | USPAT                        | OR | ON  | 2006/01/12 15:04 |
| S12<br>9 | 113 | (omnidirect\$5 or birdeye or 3d or 3-d or "3"\$1d or (three near2 dimension\$3)) near5 (camera or imager or (imag\$4 near3 (apparatus or device))) and (elevator or elevating or elevate)  | USPAT                        | OR | ON  | 2006/01/12 15:06 |
| S13<br>0 | 20  | (omnidirect\$5 or birdeye or 3d or 3-d or "3"\$1d or (three near2 dimension\$3)) near5 (camera or imager or (imag\$4 near3 (apparatus or device))) and (elevator or elevating or elevate) with (camera or imager or (imag\$4 near3 (apparatus or device)))   | USPAT                        | OR | ON  | 2006/01/12 15:13 |
| S13<br>1 | 1   | "6141034".pn.  | USPAT                        | OR | ON  | 2006/01/12 15:17 |
| S13<br>2 | 89  | camera near8 (plurality or multiple) same elevat\$4  | USPAT                        | OR | ON  | 2006/01/12 15:33 |
| S13<br>3 | 61  | (rais\$4 or elevat\$4) near9 (plurality or multiple or several) near5 (camera or imager ir (imag\$4 near3 (device or apparatus)))  | USPAT                        | OR | ON  | 2006/01/12 15:34 |
| S13<br>4 | 15  | ("4672435").URPN.  | USPAT                        | OR | OFF | 2006/01/12 15:39 |
| S13<br>5 | 34  | ("3689695"   "4058831"   "4672435"   "4709265"   "4789898"   "4913458"   "4956714"   "4977323"   "5014126"   "5068735"   "5081530"   "5111289"   "5113253"   "5130794"   "5138459"   "5172251"   "5241481"   "5304791"   "5369430").PN. OR ("5497188").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/12 16:28 |
| S13<br>6 | 73  | 10/07  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/12 16:28 |
| S13<br>7 | 0   | 10/071915  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/12 18:21 |

## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S13<br>8 | 1  | 10/153679   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/21 15:50 |
| S13<br>9 | 4  | 09/593901   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/21 15:50 |
| S14<br>0 | 0  | 09/593901 and expos\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/21 15:50 |
| S14<br>1 | 0  | 09/593901 and expos\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 15:50 |
| S14<br>2 | 4  | 09/593901   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 16:43 |
| S14<br>3 | 10 | omni\$1direction\$4 with camera and<br>different near5 exposur\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 16:46 |
| S14<br>4 | 5  | "0818858"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 16:47 |
| S14<br>5 | 11 | "818858"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 16:47 |
| S14<br>6 | 1  | "8018858"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 16:49 |
| S14<br>7 | 2  | "08018858"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/21 16:49 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S14<br>8 | 81890 | (different or multiple or plurality) near6 (camera or imager or (imag\$4 near2 (device or apparatus)) or ccd) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:52 |
| S14<br>9 | 3767  | S148 and different with exposure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:51 |
| S15<br>0 | 1878  | S148 and different near3 exposure   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:51 |
| S15<br>1 | 702   | S148 same different near3 exposure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:52 |
| S15<br>2 | 59401 | (multiple or plurality) near6 (camera or imager or (imag\$4 near2 (device or apparatus)) or ccd)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:54 |
| S15<br>3 | 193   | S152 same different near3 exposure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:53 |
| S15<br>4 | 129   | S152 same different near3 exposure and (@ad<"20010209" or @rlad<"20010209")                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:55 |
| S15<br>5 | 48249 | (multiple or plurality) near4 (camera or imager or (imag\$4 near2 (device or apparatus)) or ccd)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:55 |
| S15<br>6 | 45037 | (multiple or plurality) near4 (camera or imager or (imag\$4 near2 (device or apparatus)))                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 16:55 |
| S15<br>7 | 100   | S156 same different near3 exposure and (@ad<"20010209" or @rlad<"20010209")                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 17:01 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S15<br>8 | 599 | S156 and different near3 exposure and (@ad<"20010209" or @rlad<"20010209")                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 17:24 |
| S15<br>9 | 70  | S156 and different near3 exposure same dynamic near3 range and (@ad<"20010209" or @rlad<"20010209") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/09 18:39 |
| S16<br>0 | 2   | "6498620".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 17:32 |
| S16<br>1 | 0   | "6498620".pn. and dynamic near4 range and exposure near3 time with different                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 17:32 |
| S16<br>2 | 0   | "6498620".pn. and dynamic near4 range and exposure near3 time                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 17:32 |
| S16<br>3 | 1   | "6498620".pn. and dynamic near4 range and exposure  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/21 17:35 |
| S16<br>4 | 1   | "6498620".pn. and dynamic near4 range and exposure and time   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23 07:38 |
| S16<br>5 | 1   | "6498620".pn. and dynamic near4 range and exposure and time and longer with interval                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23 07:38 |